SKU: 60-1253

Material Safety Data Sheet

May be used to comply with
OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY *(As Used on Label and List)*	Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
ALKALINE MANGANESE BUTTON CELL BATTERY	

Section I

Manufacturer's Name	Emergency Telephone Number
HI-WATT BATTERY INDUSTRY CO. LTD.	23480111
Address *(Number, Street, City, State, and ZIP Code)*	Telephone Number for Information 23480 111
21 TUNG YUEN ST. YAU TONG BAY.	Date Prepared 27/10/2003 .
KLN. H.K.	Signature of Preparer *(optional)*

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	%*(optional)*
MERCURY CONTENT			0.4169 %	
CADMIUM CONTENT			0.0003 %	
LEAD CONTENT			0.0039 %	

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H_2O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water	N/A		
Appearance and Odor	N/A		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used) N/A	Flammable Limits	LEL	UEL
Extinguishing Media EXTINGUISHER FOR ALKALINE METAL FIRE			
Special Fire Fighting Procedures NO WATER			
Unusual Fire and Explosion Hazards DO NOT RECHARGE, DISASSEMBLE, HEAT ABOVE 71°C OR EXPOSE CONTENTS TO WATER			

(Reproduce locally) OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	✓	
Incompatibility *(Materials to Avoid)*			
Hazardous Decomposition or Byproducts			

	STORE IN GOOD CONDITION (Room TEMPERATURE 20°C ~ 25°C, RELATIVE HUMIDITY 50-70%)
Other Precautions	N/A

Section VIII - Control Measures

Respiratory Protection *(Specify Type)*	N/A		
Ventilation	Local Exhaust N/A	Special N/A	
	Mechanical *(General)* N/A	Other N/A	
Protective Gloves	N/A	Eye Protection	N/A
Other Protective Clothing or Equipment	N/A		
Work/Hygienic Practices	N/A		

* U.S.G.P.O.: 1986 - 491 - 529/45775